

IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF VIRGINIA
Richmond Division
GOLDEN BETHUNE-HILL, *et al.*,
Plaintiffs,
v. Civil Action No. 3:14-cv-852
VIRGINIA STATE BOARD OF
ELECTIONS, *et al.*,

Bernard
GROFMAN -
Special
Master
Time Sheet
and Out-of-
Pocket
Expenses in
*Golden
Bethune-Hill
2018-09*

	hours	Activities
17-Oct	4	prelim discussion with Court, hiring of research assistant and prelim instructions to Cervas as to data gathering, very prelim review of court rulings
18-Oct	2	prelim discussion with Cervas as to mapping
19-Oct	2	prelim review of Palmer expert witness report, prelim examination of geography and demography of 2011 map arrange for Cervas to have Mapititude access; preliminary review of election data from the eleven unconstitutional districts
20-Oct	3	further preliminary review of the 2011 enacted plan, begin more detailed identification of features of the 2011 unconstitutional
21-Oct	3	districts and more detailed review of Golden Bethune-Hill district court decisions
22-Oct	5	examine prelim chart prepared by Cervas indicating which counties are predominant in which districts; continue reviews of district court and Supreme Court decisions re Virginia
23-Oct	5	review very preliminary ideas about remedial line drawing from Cervas presented in map form
24-Oct	5	review newer but still very preliminary ideas about remedial line drawing with Cervas
25-Oct	2	discussion in person with Cervas of conceptual line drawing re segmentation of line drawing into 3 or 4 distinct modularized areas (Tidewater, Newport-News&Hampton, Richmond, Dinwiddie & Petersburg)
26-Oct	3	work on conceptual map planning for Tidewater areas,

		have prelim phone discussion with Smith as to map sketch for Tidewater south
27-Oct	3	begin the portion of the Special Master Report that deals in the abstract with the criteria to be implemented in the remedial map
28-Oct	5	continue very preliminary drafting of Special Master Report based on very prelim maps reviewed to date
29-Oct	5.5	8am -10.15am, 11am-2.15 pm-review of map sketch for Tidewater area with Smith via phone, later phone call on shape file data to be fedexed, bg conceptual map planning for Newport News-Hampton area, conversations with Cervas re Richmond area conceptual map, and entering VA shape files being sent by Smith more careful reading of 2018 Bethune-Hill court ruling ; 10.30-11-prelim review of Special Master report in Covington (North Carolina race preponderance case)
29-Oct	1	3.30pm-4.30pm, work on Report
30-Oct	3.5	3.30pm-7 pm more work on prelim draft of Special Master Report, work on conceptual analysis of the redrawing of district 63 in a minimum change fashion, phone conversations with Cervas
30-Oct	0.75	9.30-10.15 more work on prelim draft of Special Master Report; examine Supreme Court opinion re North Carolina redistricting in case that raises similar issues to this one
31-Oct	1.25	8am-8.30 am -phone conversation with Smith and further work on conceptual map for Norfolk area; 9 am-9.30 am work on prelim version of Special Master Report, intermittently from 10am-noon, conversations with Smith and further instructions for her (total time about 15 minutes)
31-Oct	4	9pm-11pm-review of preliminary plans in various modules; extended phone conversation with Cervas about the form of maps and data tables I wanted prepared, and a very preliminary review of features of the September 27, 2018 plan HB7003 in comparison to the 2011 map; 11.30 pm-1.30 am further work on the Report of the Special Master.
1-Nov	6.25	8am-9.30am phone conversation with Julie Smith re further preliminary map drawing instructions; 12.45 pm-1.45 pm work in person with Cervas; 4-5.45 pm work with Cervas on data visualization aspects of mapping
2-Nov	3.5	8am-9.30am extended phone conversation with Julie Smith re further preliminary map drawing instructions, and work on Special Master Report; 11.45 pm-12.45 pm phone conversation with Cervas; 8.30pm-9.30 pm

		review of Cervas modularized map for areas adjacent to district 63, work on Special Master Report, further review of issues of map visualization
3-Nov	6	8am-11am, 3pm-4.45 pm, 6pm-7.15pm - work on prelim draft of Special Master Report
4-Nov	6.5	6am-10.30 am; 8.30pm-9.30 pm, work on preliminary version of Special Master Report; 11.30-12.30 -review of templates for map and data display, look at very prelim map data
5-Nov	4.25	7.45 am-10.30 am, work on Special Master Report
6-Nov	2.75	7.30am-10.15 am work on Report of the Special Master; extended first phone conversation with Kent Stigall re review of modularization, discussion of Norfolk Naval Base location, and prelimin line drawing instructions ; 10 pm -11.30 pm-extended phone call with Cervas to look at issue of Norfolk Naval Base, and do very prelim review of NAACP plan, and examine district numbering issues
7-Nov	3.25	2.15am-4.15 am work on Special Master Report executive summary; 8.15am-9.30 am work on Report + 43 minute phone conversation with Smith re split VTDs in redrawn map of 63 and voting rights issues in the Portsmouth-Norfolk area
8-Nov	1	early morning: brief phone conversation with Smith, work on Report
9-Nov	1	early morning: brief phone conversation with Smith, work on Report
10-Nov	1	9.45-10.15 am, preliminary review of Virginia legislative maps and display tools from the Princeton Gerrymandering Project; 11.15-11.45 am work on Special Master Report
11-Nov	2	7.30am-9.30 am Work on Report of the Special Master (including extended phone conversation with Cervas on remedying VTD splits in very preliminary modularized maps, and on preparing comparison charts among the five submitted remedial plans, the enacted plan, and possible composite multi-module map prepared under my instructions)
12-Nov	4	7.30am-10.45; 6pm-6.45pm, work on Report
13-Nov	3.25	7.30am-10.00am work on Report (including extended phone conversation with Smith on instructions to her and to Kent Stigall for creating comparison data charts for the five submitted plans); 11pm- 11.45pm, work on plan comparisons ,including extended conversation with Cervas re some technical issues of converting from ArcGIS to Maptitude
14-Nov	1.5	1pm-1.30pm, including short conversation with Smith on progress on creating comparison data charts for the five submitted plans;

		plus additional one hour of time in the evening working on Report
15-Nov	4.25	8.30pm-10.30am ,including short conversation with Smith on progress on creating comparison data charts for the five submitted plans plus and brief conervation with court clerk informing me of a new court order ; 2pm -4 pm, conversations with Cervas and work on revisions to Special Master Report in terms of review of possible illustrative configurations, with further conversation in the late evening about Smith and Stigall maps for another quarter hour
16-Nov	1.5	9am-9.30 am review of possible configurations of districts 21 and 85; 10 am-11am, consideration of configurations of 21 and 85 in submitted remedial plans (including brief conversation with Cervas) and more work on Special Master Report
17-Nov	0.5	late morning, work on Report
18-Nov	0.5	early morning: work on Report
19-Nov	3.25	12.45 pm-3.45 pm work on Report (including very brief call to court clerk re timing of possible conference call) and preliminary review of Nov 16 Briefs a
		nd other submissions; 7.45pm- 8pm review of summary details NAACP plan
20-Nov	3.75	8.45 am-12.30pm review of Nov 16 submissions and adding material about Defendant-Intervenor and NAACP submitted maps to the Report; along with two very very brief conversations with law clerk re possible scheduling of conference call with the Court;
20-Nov	2.25	3.15pm- 4.30 pm review of preliminary illustrative module features , including lengthy phone conversation with Cervas;
21-Nov	1.75	evening ,work on incorporating into Report evaluations of features of the submitted remedial plans, additional lengthy phone conversation with Cervas
		3.30-5.30 pm more work on Richmond districts (including conversation with
21-Nov	2	Cervas)
22-Nov	4.5	5.30am-10.00am work on Report
		work on Richmond area district, Special Master Report
22-Nov	1	7pm -8.30pm work on Special Master Report
		8.30am-noon, work on county split comparisons across the five proposed
23-Nov	6	remedial maps;
		8pm-10.30pm work on Smith map ideas ,
		including very extensive phone conversation with Cervas
		7.30am-10.30am review of county split data and consideration of boundary
24-Nov	3	redrawing
		using ideas from portions of DI7002 (Richmond area) and portions of NAACP
		4.30pm-4.45pm work on Special Master Report; 5.15 pm -5.30 pm work on
24-Nov	0.5	Richmond map

25-Nov	1	afternoon, intermittent (including two phone conversations with Cervas) 8am-10am-phone discussion of modularized map configurations with Stigall
26-Nov	2	and Smith , short conversation with court clerk re conferene call agenda, work on Richmond area maps; (Petersburg area and Hampton Newport News area) 11.30am-11.45am, 1.00 pm-1.30 work on conceptualizing changes in
26-Nov	1.75	Richmond maps, including review of DI7002 Richmond area configuration; 5pm-6pm review of Richmond area configuration, including conversation with Cervas),
26-Nov	0.5	10.30pm-11pm , work on Report
27-Nov	3	8.30am-9.30 am work on Report; 2 hours afternoon, work on Report
28-Nov	3.5	7.30am-9am review materials for conference call presentation; 9am-10am conference call with court; 10.45 pm-11.45 pm extended phone call to Cervas for preliminary discussion of integrating Stigall, Smith and Cervas modules into final report; further review of map display options
29-Nov	0.5	morning, call to Smith, failed call to Stigall; evening conversation with Cervas for over a quarter hour
30-Nov	1.5	8.30am -10am work on Report 2 hours intermitent in the afternoon, work on Report and on Norfolk
1-Dec	2	configuration
2-Dec	3	6pm-7pm work on Report, 10pm-midnight and after work on Report, includes short conversations with Cervas re map modules
3-Dec	7	6.00 am-1pm-work on Report, receipt of incumbency location data, short conversations with Stigall (2), Smith, Wade (2) and Cervas, with focus on incumbency locations and problem in correctly identifying the home of one of the incumbents 4.30pm-6pm work on redone Richmond module (including phone call to
3-Dec	3	Cervas); 9.30 pm-11 pm, work on redone Petersburg module (including phone call to Cervas)
4-Dec	1.5	15 minutes,morning intermittent, includes review of latest court order, cal ls to Cervas and to Smith, Stigall; 4pm -5pm including 50 minutes Cervas phone conversation about Norfolk redrawing with correct incumbent location; intermittent work on maps and data to be included in my Report between 9.30pm and 10.30pm , totalling 30 minutes, including phone calls to Cervas.
4-Dec	2.5	11pm and 2am, review of proposed module that incorporate current incumbent locations, including multiples phone calls to Cervas, some lengthy, totalling 2.5 hours

(NOTE: Much of Tuesday 12/4 and Wednesday 12/5 involved my providing final instruction to Cervas re formatting of modularized data and maps based on new incumbent locations, and some minor further amendments to maps re improving compactness requiring extensive work on his part This is also the time when I am requiring extensive work on his part This is also the time when I am

5-Dec	9.75	10am-noon, 1pm-2pm, 4pm -8.30 pm; 10.15pm- 1.30 am, work on Report ncluding short phone calls to court assistant, Smith and Cervas)
6-Dec	7	6.30am-10am,noon-2pm, 4pm-5.15pm, 10.30pm-10.45 pm, work on Report
7-Dec	6.75	6.15am-2 pm, work to finalize Report, correct shape files (with phone calls to court clerk, Smith and Stigall); filing of Report; one hour in the mid afternoon NOT BILLED to prprepare addendum, to Report adding a missing map and correcting two paragraphs.
8-Dec		
9-Dec		
10-Dec		
11-Dec		
12-Dec		
13-Dec		
14-Dec		
15-Dec	1.5	intermittent --very preliminary review of Dec 14 Response briefs
16-Dec	8.5	4am-11.30 am, plus one hour later in the day --preparing the 2nd Addendum to my Report responding to the five filings on December 14 (includes conversation with Cervas to give instructions about additional analyses to complete)
17-Dec		
18-Dec		
19-Dec		
20-Dec	1	afternoon and early evening, intermittent work on 2nd Addendum first draft), including phone conversation with Cervas re further data analysis to be provided
21-Dec	1	afternoon and early evening, intermittent work on 2nd Addendum first draft, including phone conversation with Cervas re further data analysis to be provided
22-Dec	0.5	evening , intermittent work on 2nd Addendum first draft, including phone conversation with Cervas re further data analysis to be provided
23-Dec		9.30 am-1pm, 3.30 pm-6.30 pm, 8.30 pm to midnight , work on final draft of
24-Dec	9	2nd Addendum -after receiving additional data analyses from Cervas
25-Dec	2.75	midnight to 2.45am -work on final version of 2nd Addendum

25-Dec	3	4.15 pm- 7.15pm, work on final version of the 2nd Addendum
26-Dec	9.25	7.30am-noon, 2.45 pm-5pm, 7.30pm-9.30pm, 11.30 pm to midnight - work on final version of the 2nd Addendum (including phone conversation with Cervas)
27-Dec	13	7.30am-12.30pm, 2pm-6pm, 8pm-midnight-work on final version of the 2nd addendum (with multiple phone conversations with Cervas)
28-Dec		filing of 2nd addendum
29-Dec		NO TIME CHARGED FOR MY WORK ON 3rd ADDENDUM (filed prior to January 4)SINCE THIS INVOLVED CORRECTING ERRORS
30-Dec		
31-Dec		
1-Jan		
2-Jan		
3-Jan		
4-Jan	2.5	7pm-9.30pm preliminary review of Plaintiff and NAACP January 4 response
5-Jan	2.5	9am-10.30 am preliminary review of D-I January 4 response; 10.30am - 11.30 am further more detailed review of NAACP January 4 response along with preliminary phone conversatios with Cervas re additional data analyses to do about historic districts and VTD splits in the event one of my illustrative maps was adopted by the Court
6-Jan	0.5	30 minutes -intermittent -more detailed review of D-I January 4 response including conversations with Cervas re potenial for correcting VTD splits; preparation of January 7 4th Addendum
7-Jan	0.5	6.30 am-7am-more detailed review of D-I January 4 response a nd review of preliminary VTD split correction info prepared by Cervas; preparation and submission of January 7 4th Addendum
8-Jan		
9-Jan	8	travel from Orange County to Richmond Virginia, prep time for January 10 hearing, including 1.5 hour conversation with Cervas
10-Jan	8.5	6 am-2.30pm prep time for hearing; hearing from 8.30-2.15 (including work lunch withCervas re further changes needed) travel from Richmond Virginia to Orange County (including lunch with Stigall and Smith)
11-Jan	8	
12-Jan		
13-Jan	1	late evening --copy and paste text to begin Second Report
14-Jan	4	2pm-6pm, preliminary work on Second Report to integrate addendum material and corrections
15-Jan	5.5	7.30am-11.30am; 12am-1pm work on Second Report; 10.30am -11pm (including in person and phone conversations with Cervas)
16-Jan	9	9am-11am; 1pm-6pm, 9pm-midnight work on Second Report (including phone conversations with Cervas)

17-Jan	9	midnight-3am,6.30am-11.30am; 12am-1pm corrections, proofing and final version of 184 page Second Report, with three appendices
17-Jan		(including phone conversations with Smith, Stigall, Cervas re BVAP corrections for Appendix C and and Kirstin O'Connor re formatting)
18-Jan		
19-Jan		
20-Jan		
21-Jan		
22-Jan		
23-Jan	1	intermittent 1 hour between 8am and 11.30am, work on how best to identify VTD splits remaining in the 25 district map with instructions given to assisting DLS staff
23-Jan		(including phone conversations with Smith (2), Stigall, Cervas, and clarifying calls (2) about Court order to Kirstin O'Connor)
24-Jan	1	intermittent 1 hour morning and afternoon, work on how best to identify VTD splits remaining in the 25 district map with instructions given to assisting DLS staff
24-Jan		(including phone conversations with Smith, Stigall, Cervas)
25-Jan	1	intermittent 1 hour between 8am and 12.30am, work on how best to deal with handful of zero VTD splits remaining in the 25 district map
25-Jan		(including phone conversations with Smith (2), Cervas (2), and clarifying calls (2) about Court order to Kirstin O'Connor(2))
26-Jan		
27-Jan		
28-Jan	1	intermittent 1 hour between 8am and 2.15pm, coordinate final production of maps and .pdf files for the court (including phone calls with Julie (2), Kent, Cervas), and discuss format for transmittal document of the Final Remedial Map with Kirstin o'Connor and best way to transmit maps to the Court
28-Jan		
29-Jan	1.5	intermittent 8am-11.30 am-preparation of final transmittal document, review of .pdf maps provided by DLS staff; transmittal of .pdf files to court members along with my final transmittal document, review with Smith and Stigall of changes in map transmittal instructions and map formatting needs for requested multiple maps ; brief communications with Kirstin O'Connor to discuss transmittal schedule
29-Jan		
30-Jan		
31-Jan		
1-Feb		
2-Feb		
3-Feb		NO charge for time spent on 2nd Report typo revision because it only involved corrections to previous report
4-Feb		
5-Feb		

313.5

SUBTOTAL \$125,400.00 charged @400/hour

Bernard Grofman SPECIAL MASTER OUT-OF-POCKET EXPENSES September 2018-January 2019

	car- home to OC Airport		not charged
Jan 9-11, 2019	RT Flight-Orange County California to Richmond to attend court hearing	\$420.60	
9-Jan	lunch while on route to Richmond to attend hearing -HMS	\$18.50	
9-Jan-19	Taxi Richmond Airport to Hilton Hotel	\$34.10	
Jan 9-11, 2019	Hilton Hotel, Richmond	\$428.28	
10-Jan-19	lunch while court hearing was temporarily recessed-La Grotta	\$29.83	
11-Jan	Taxi-Hilton Hotel to Richmond Airport	\$32.40	
11-Jan	Taxi-OC Airport to home		not charged
Total for out of pocket		\$963.71	
TOTAL hours + out of pocket		\$126,363.71	

RECEIPTS FOR OUT-OF POCKET EXPENSES

TRAVELER INFORMATION

Traveler eTicket Number Frequent FlyerNumber Seats

GROFMAN/BERNARDNORMAN 0162430226097 UA-XXXXX826 ---/---/8C/11C

FLIGHT INFORMATION

Day, Date Flight

**Departure City and Class
Time**

Arrival City and Time Aircraft Meal

Wed, 09JAN19

UA1492K

ORANGE COUNTY, CA (SNA) 12:07 PM

HOUSTON, TX

(IAH -BUSH INTL) 5:17 PM

Wed, 09JAN19

UA6178K HOUSTON, TX

(IAH -BUSH INTL) 6:45 PM

RICHMOND, VA (RIC) 10:31 PM

Fri, 11JAN19 UA4282L RICHMOND, VA

(RIC) 5:05 PM

Flight operated by EXPRESSJET AIRLINES INC. doing business as UNITED EXPRESS.

Fri, 11JAN19 UA2003L CHICAGO, IL

CHICAGO, IL

(ORD - O'HARE) 6:31 PM ORANGE COUNTY, CA

ERJ-145 Purchase

737-800Purchase

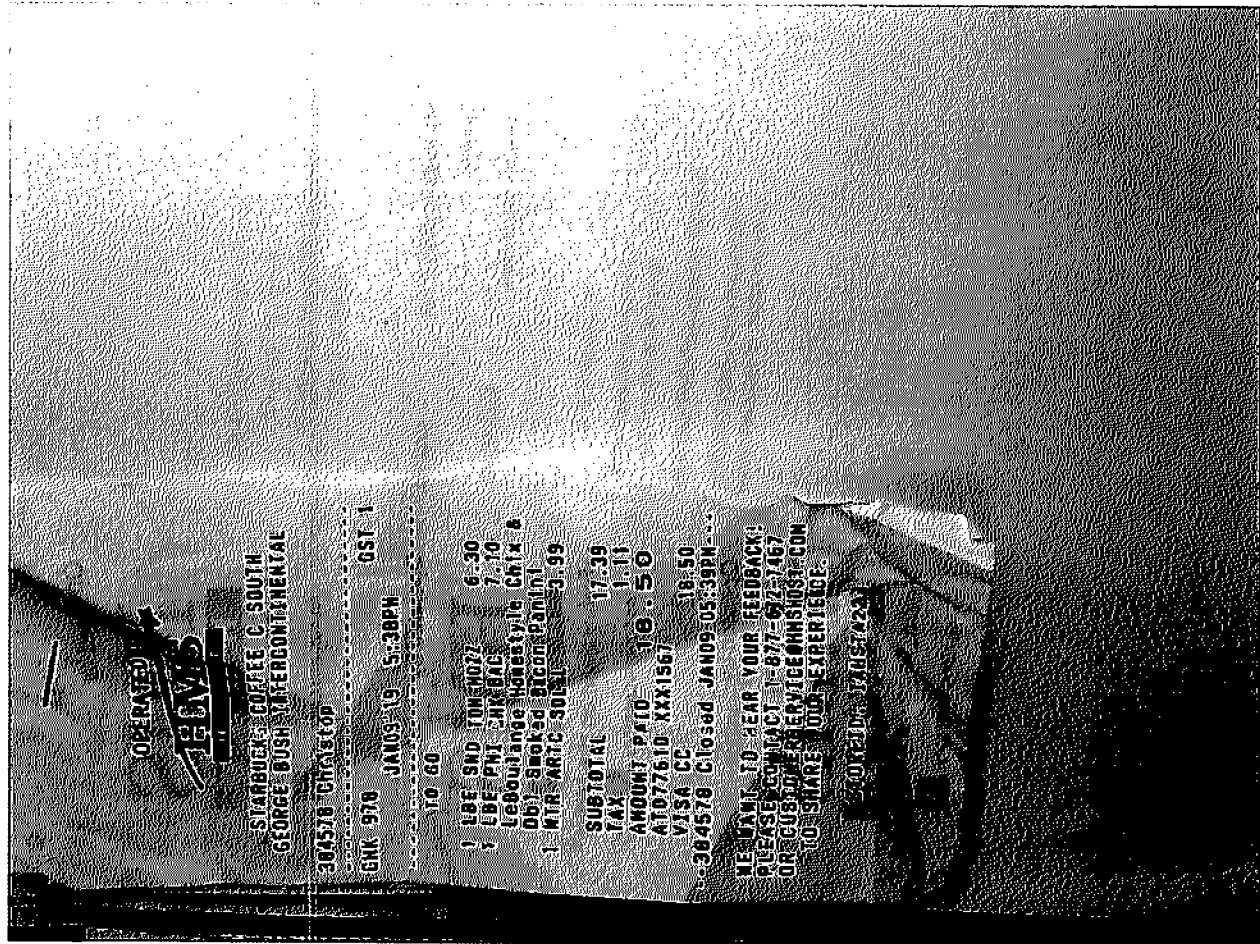
(ORD - O'HARE) 7:45 PM(SNA) 10:13 PM

FARE INFORMATION

Airfare:	348.84U
U.S. Transportation Tax:	26.16
U.S. Flight Segment Tax:	16.40
September 11th Security	11.20

Fare Breakdown Form of Payment: VISA

Last Four
Digits 1567



Subject: Receipt from Simon transportation local

From: Simon transportation local via Square <receipts@messaging.squareup.com>

Date: 1/9/2019, 10:44 PM

To: <bgtravel@uci.edu>

Now when you shop at sellers who use Square, your receipts will be delivered automatically.

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Simon transportation local



How was your experience?



\$34.10

Custom Amount

\$31.00

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Record: 724KLE
 Archived Date: 10/20/19 13:47:00 PM
 Expiration Date: 10/20/19 11:40:00 AM
 Add/Modify: 10/20/19
 System Status: 03
 Run Plan: 03
 Run ID: 10/20/19 13:47:00
 AL: AA 8025076
 Cnt: AA 8025076



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[illegible]

Many Memory's stores are located within 72 hours of checkout. To check your earnings or book your next stay at more than 8,000 hotels and resorts in 120 countries, download the Memory's app.

There is nothing in any of the above information that would lead to the identification of the person or persons who furnished the information.

175-288-100
DATE OF BIRTH 04/05/1978
DATE OF DEATH 1/1/1983
219003 A
04/05/1978

CONFIDENTIAL RETURN
TO ISSUING AGENCY
EXEMPT FROM AUTOMATIC DOWNGRADING

1000

Dr. JOHN LUTHEKE
43-23

Under the provisions of the Act of March 3, 1879, relating to the census of the United States, the following information is furnished:

Thick!

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101-10700-10000

20150415

1941

1998

28.83

Activity

Total:

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ପ୍ରତିଷ୍ଠାପନା ପାଇଁ ଶ୍ରମ ଦେଉଛନ୍ତି ।

संयोजक:

1000 Signed Copy
415 South Plaza.

auth. Code:
Exp. Dates:
Signature:
ATM:
CVV2:
APP:
PIN:

Transaction objects - chesb.com

CREDIT CARD (...1541)

\$32.40

Sale

Jan 11, 2019
Transaction date

Jan 13, 2019
Posted date

SQ *BLACK & YELLOW CAB SE

Description: SQ *BLACK & YELLOW CAB SE
Category: Travel

Rewards earned with this transaction

• 1 mile per \$1 spent on all purchases

32.40

Total miles

32.40

Transaction details may be preliminary or incomplete and may not match the transaction as it appears on your periodic statement, which is the official record of your account activity.

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